

Table 19. Number and percent of doctoral degrees earned by blacks which are conferred by historically black colleges and universities (HBCUs), by field: 1992-2001

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Total, all black recipients										
Total, all fields	1,109	1,278	1,277	1,461	1,446	1,474	1,605	1,762	1,748	1,729
Science and engineering	404	468	498	550	572	615	645	714	710	701
Engineering	49	50	53	70	74	98	82	98	81	92
Sciences	355	418	445	480	498	517	563	616	629	609
Natural sciences	115	150	173	185	205	206	224	250	237	245
Physical science ¹	31	45	52	45	63	59	64	80	69	60
Mathematical science	4	8	11	5	8	7	16	12	14	19
Computer science	5	6	10	11	12	4	14	18	18	15
Biological science	62	75	78	107	98	112	111	116	118	139
Agricultural science	13	16	22	17	24	24	19	24	18	12
Social sciences	240	268	272	295	293	311	339	366	392	364
Social science	137	150	148	146	141	159	181	194	203	190
Psychology	103	118	124	149	152	152	158	172	189	174
Non-S&E ²	705	810	779	911	874	859	960	1,048	1,038	1,028
Black recipients from HBCUs										
Total, all fields	104	135	134	137	141	115	157	160	156	183
Science and engineering	43	60	52	59	66	61	68	70	66	72
Engineering	2	0	4	1	4	1	6	4	2	5
Sciences	41	60	48	58	62	60	62	66	64	67
Natural sciences	12	26	17	29	25	32	33	34	32	35
Physical science ¹	0	6	3	10	4	8	7	9	14	9
Mathematical science	0	0	2	0	0	2	2	0	1	2
Computer science	0	0	0	0	1	0	0	0	0	0
Biological science	12	19	12	18	18	19	24	22	17	24
Agricultural science	0	1	0	1	2	3	0	3	0	0
Social sciences	29	34	31	29	37	28	29	32	32	32
Social science	19	22	11	11	25	15	17	17	18	18
Psychology	10	12	20	18	12	13	12	15	14	14
Non-S&E ²	61	75	82	78	75	54	89	90	90	111

See explanatory information and SOURCES at end of table.

Table 19. Number and percent of doctoral degrees earned by blacks which are conferred by historically black colleges and universities (HBCUs), by field: 1992-2001

Field	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
	Percent from HBCUs									
Total, all fields	9.4	10.6	10.5	9.4	9.8	7.8	9.8	9.1	8.9	10.6
Science and engineering	10.6	12.8	10.4	10.7	11.5	9.9	10.5	9.8	9.3	10.3
Engineering	4.1	.0	7.5	1.4	5.4	1.0	7.3	4.1	2.5	5.4
Sciences	11.5	14.4	10.8	12.1	12.4	11.6	11.0	10.7	10.2	11.0
Natural sciences	10.4	17.3	9.8	15.7	12.2	15.5	14.7	13.6	13.5	14.3
Physical science ¹ .....	.0	13.3	5.8	22.2	6.3	13.6	10.9	11.2	20.3	15.0
Mathematical science .....	.0	.0	18.2	.0	.0	28.6	12.5	.0	7.1	10.5
Computer science .....	.0	.0	.0	.0	8.3	.0	.0	.0	.0	.0
Biological science	19.4	25.3	15.4	16.8	18.4	17.0	21.6	19.0	14.4	17.3
Agricultural science .....	.0	6.3	.0	5.9	8.3	12.5	.0	12.5	.0	.0
Social sciences	12.1	12.7	11.4	9.8	12.6	9.0	8.6	8.7	8.2	8.8
Social science	13.9	14.7	7.4	7.5	17.7	9.4	9.4	8.8	8.9	9.5
Psychology	9.7	10.2	16.1	12.1	7.9	8.6	7.6	8.7	7.4	8.0
Non-S&E ²	8.7	9.3	10.5	8.6	8.6	6.3	9.3	8.6	8.7	10.8

¹ In this report, "Physical science" includes earth, atmospheric, and oceanographic sciences, as well as physics, astronomy, and chemistry.

² Non-S&E refers to non-science and non-engineering.

NOTES: Racial/ethnic categories are as designated on the survey form. These categories include U.S. citizens and foreign citizens on permanent visas (i.e., resident aliens who have been admitted for permanent residency).

See section C for specific fields included in each category.

SOURCE: Tabulated by National Science Foundation/Division of Science Resources Statistics; data from NSF/SRS: Survey of Earned Doctorates